

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011921\
 Data File : VW020068.D
 Acq On : 19 Jan 2021 23:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Jan 20 03:43:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 01:05:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	338764	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	324537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	189126	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	100738	35.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.50%		
7) Chloroethane-d5	1.570	69	79266	34.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.50%#		
11) 1,1-Dichloroethene-d2	2.113	63	201883	35.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.74%		
21) 2-Butanone-d5	3.891	46	167102	90.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.15%		
24) Chloroform-d	4.354	84	241520	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.84%		
26) 1,2-Dichloroethane-d4	5.036	65	160145	45.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.54%		
32) Benzene-d6	5.055	84	439453	47.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.96%		
36) 1,2-Dichloropropane-d6	6.074	67	134794	47.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.26%		
41) Toluene-d8	7.322	98	405870	48.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.78%		
43) trans-1,3-Dichloroprop...	7.624	79	69458	46.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.60%		
47) 2-Hexanone-d5	8.093	63	121407	105.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.89%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	195725	50.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.26%		
64) 1,2-Dichlorobenzene-d4	11.630	152	181645	49.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	132011	40.33	ug/L	98
3) Chloromethane	1.242	50	105887	33.75	ug/L	99
5) Vinyl chloride	1.312	62	114838	36.17	ug/L	99
6) Bromomethane	1.525	94	75224	37.99	ug/L	98
8) Chloroethane	1.586	64	67997	34.80	ug/L	100
9) Trichlorofluoromethane	1.753	101	190627	42.74	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	94146	38.00	ug/L #	89
12) 1,1-Dichloroethene	2.119	96	93917	39.31	ug/L	88
13) Acetone	2.180	43	108923	66.51	ug/L	99
14) Carbon disulfide	2.296	76	280732	39.55	ug/L	100
15) Methyl Acetate	2.434	43	115347	41.50	ug/L	93
16) Methylene chloride	2.508	84	119563	47.09	ug/L	88
17) trans-1,2-Dichloroethene	2.762	96	112986	47.19	ug/L	93
18) Methyl tert-butyl Ether	2.772	73	382459	49.05	ug/L	97
19) 1,1-Dichloroethane	3.193	63	208197	45.47	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	126182	49.35	ug/L	85
22) 2-Butanone	3.971	43	169552	85.92	ug/L	97
23) Bromochloromethane	4.254	128	69389	51.92	ug/L #	78
25) Chloroform	4.380	83	232903	48.39	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	190754	47.43	ug/L	100
29) Cyclohexane	4.685	56	154734	40.32	ug/L	90
30) 1,1,1-Trichloroethane	4.614	97	209029	48.96	ug/L	96
31) Carbon tetrachloride	4.836	117	180116	49.48	ug/L	98
33) Benzene	5.103	78	459921	48.82	ug/L	100
34) Trichloroethene	5.920	95	128445	47.58	ug/L	91
35) Methylcyclohexane	6.135	83	167243	43.35	ug/L	94
37) 1,2-Dichloropropane	6.177	63	116707	47.76	ug/L #	96
38) Bromodichloromethane	6.515	83	171853	48.69	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	182061	47.58	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	328906	87.59	ug/L #	94
42) Toluene	7.392	91	484787	48.32	ug/L	100
44) trans-1,3-Dichloropropene	7.656	75	189217	48.74	ug/L	99
45) 1,1,2-Trichloroethane	7.843	97	123845	51.56	ug/L	96
46) Tetrachloroethene	7.981	164	99687	51.43	ug/L	95
48) 2-Hexanone	8.142	43	258529	87.53	ug/L #	94
49) Dibromochloromethane	8.251	129	140817	53.09	ug/L	99
50) 1,2-Dibromoethane	8.357	107	134487	52.19	ug/L #	98
51) Chlorobenzene	8.888	112	333139	50.13	ug/L	96
52) Ethylbenzene	9.016	91	549400	48.22	ug/L	99
53) m,p-Xylene	9.145	106	208296	50.06	ug/L	96
54) o-xylene	9.550	106	206129	50.31	ug/L	97
55) Styrene	9.566	104	371780	52.49	ug/L	98
56) Isopropylbenzene	9.936	105	548782	49.52	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	190048	50.54	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	164687	49.55	ug/L	99
61) Bromoform	9.736	173	107043	55.59	ug/L	98
62) 1,3-Dichlorobenzene	11.187	146	282825	49.84	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	289205	49.66	ug/L	98
65) 1,2-Dichlorobenzene	11.650	146	288201	50.41	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	46416	46.67	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.653	180	222988	52.32	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	203437	53.99	ug/L	97
69) Naphthalene	13.508	128	611581	56.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	204212	55.83	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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